Model	QQ 7080	Trouble Category	Engine
Road Mileage	17,000 KM		

Possible Trouble(s):

The engine gives out blue smoke when the vehicle travels at high speed, especially above 100 Km/h.

Trouble Analysis:

The main reasons to result the engine oil burns are the valve oil seal leakage, sealing untight, piston ring end alignment, cylinder dent and a series of reasons. However, after all components related to the engine oil burning are replaced, the trouble still can¡t be removed. Finally, considering the other important reason to make an influence on the engine oil burning is the positive pressure of engine crankcase. But, check the crankcase, and find that the crankcase also has no positive pressure. When the cylinder head assy is replaced, it is found that there is a air vent jammed in the cylinder head. If this vent fails to ventilate, the exhaust gas in the crankcase will increase when the engine operates at high speed. Since there is short of an exhaust vent, the pressure of exhaust gas increases, which results that the engine oil ejects from the crankcase breather pipe and flows into the intake pipe to participate in combustion. After the vent is drilled through, the trouble is removed.

Troubleshooting:

Replace the valve oil seal and valve chamber cover, and find that the trouble still can¡t be removed.

Final Measure(s):

Finally, when the cylinder head assy is replaced, it is found that there is a air vent jammed in the cylinder head. After the vent is drilled through, the trouble is removed.